"First and final"

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

231366

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of the work :- providing Mistry (covering slab at Narayappa Layout, Ramachandrapura and doddabommasandra in ward No- 10, (doddabommasandra) Vidyaranpura Sub division. Estimated Cost :- Rs 25.00 Lackhs. Debit No:- 29463. Job code :- 010-18-000032 Head of Accont :- P1771. Amount put to tender :- 24742298.78. Name of the Agency :- Sri S. Venkatesappa #530, Kaliyamma temple road. Kuvempu nagara IInd Stage, Bangalore-560014. Work order number :- BBMP/EE/BTP/WO/81/2018-19. Dt:- 07-08-2018						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Earth work Excavation by manual means in ordinary soil for foundation trenches in all kinds of soil including disposal of excavated earth within a lead of 50 metres and an average lift upto 2 metres as directed by the Engineer-in-charge. Excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and direction of the incharge of the work. As per Measurement recorded in MB No- 2314 & page no- 23/387 to 23/388						205.50 m³
						@ Rs. 178.00	Rs 36579=00
	(2) Providing and laying in position cement concrete of mix 1:2:4 with cement (A) 20 mm and down size graded granite metal coarse aggregate (A) as per and fine aggregate (A) 0.45 cum, machine mixed concrete laid in layers not exceeding 15 cm thick, well compacted in foundations, plinth and sills, including cost of materials, labour, hire of machinery, curing etc., complete as per specifications and direction of the incharge of the work.						
	Vent manjuppalayam-	2 ×	30 ×	0.6 × 0.075 =		2.70 m³	
		2 ×	30 ×	0.6 × 0.075 =		2.70 m³	
		2 ×	30 ×	0.6 × 0.075 =		2.70 m³	

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M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 231367

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ramachandrapura -	2 ×	30.5 ×	0.6 ×	0.075 =	2.75 m³	
		2 ×	30 ×	0.6 ×	0.075 =	2.70 m³	
		2 ×	30 ×	0.6 ×	0.075 =	2.70 m³	
		2 ×	30 ×	0.6 ×	0.075 =	2.70 m³	
		2 ×	30 ×	0.6 ×	0.075 =	2.70 m³	
		2 ×	24.8 ×	0.6 ×	0.075 =	2.23 m³	
		2 ×	30 ×	0.6 ×	0.075 =	2.70 m³	
	Doddaboramasandra -	2 ×	30 ×	0.6 ×	0.075 =	2.70 m³	
		2 ×	30 ×	0.6 ×	0.075 =	2.70 m³	
		2 ×	30 ×	0.6 ×	0.075 =	2.70 m³	
		2 ×	30 ×	0.6 ×	0.075 =	2.70 m³	
		2 ×	10.2 ×	0.6 ×	0.075 =	0.92 m³	
						35.60	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ramp 1 - N layout -	2 ×	30 × 0.30 × 0.12		= 2.16 m³		
		2 ×	30 × 0.30 × 0.12		= 2.16 m³		
		2 ×	30 × 0.3 × 0.12		= 2.16 m³		
		2 ×	30.5 × 0.3 × 0.12		= 2.20 m³		
	Ramachandrapura } -	2 ×	30 × 0.3 × 0.12		= 2.16 m³		
		2 ×	30 × 0.3 × 0.12		= 2.16 m³		
		2 ×	30 × 0.3 × 0.12		= 2.16 m³		
		2 ×	30 × 0.3 × 0.12		= 2.16 m³		
		2 ×	24.8 × 0.3 × 0.12		= 1.79 m³		
	Doddabommasandra } -	2 ×	30 × 0.3 × 0.12		= 2.16 m³		
		3 ×	30 × 0.3 × 0.12		= 2.16 m³		
		3 ×	30 × 0.3 × 0.12		= 2.16 m³		
		2 ×	30 × 0.3 × 0.12		= 2.16 m³		
		2 ×	10.2 × 0.3 × 0.12		= 0.73 m³		
		Net Quantity			= 64.07 m³		

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

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M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 231368

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	net - Quantity limited to				= 64.07 m^3		
	Quantity limited as per Schedule-B				= 63.99 m^3		
	@ Rs. 5562.50,						Rs 355944=00
	(3) Providing and laying cement concrete using 20mm and down size aggregate jelly & ready mixed concrete (RMC) for R.C.C. WORKS laid in 15cms thick layers and well compacted vibrating, curing, finishing with neat Ordinary Cement mortar, Approved Lead, Works and Scaffoldings to withstand pumping of concrete, with all lifts etc., Complete (Inclusive cost of Steel and Factory Cartage charges) Ready mixed cement concrete M-20 (1:1.5:3) for raft foundation, Column footing, main and Secondary Beams etc., (mplete						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per specification and directions given in charge of the work.						
	Venkappa Layout :-	2×2×	30×	0.15×	0.25 =	4.50m3	
		2×2×	30×	0.15×	0.25 =	4.50m3	
		2×2×	30×	0.15×	0.25 =	4.50m3	
		2×2×	30×	0.15×	0.25 =	4.58m3	
		2×2×	30.5×	0.15×	0.25 =	4.50m3	
	Ramachandrapura :-	2×2×	30×	0.15×	0.25 =	4.50m3	
		2×2×	30×	0.15×	0.25 =	4.50m3	
		2×2×	30×	0.15×	0.25 =	4.50m3	
		2×2×	30×	0.15×	0.25 =	4.50m3	
		2×2×	24.80×	0.15×	0.25 =	3.72m3	
	Doddaboommasandra :-	2×2×	30×	0.15×	0.25 =	4.50m3	
		2×2×	30×	0.15×	0.25 =	4.50m3	
		2×2×	30×	0.15×	0.25 =	4.50m3	
		2×2×	30×	0.15×	0.25 =	4.50m3	
		2×2×	10.2×	0.15×	0.25 =	1.53m3	
				net quantity	=	59.33m3	

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M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 231369

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity limited to			=	59.25 m³		
		@ Rs. 6052.00				Rs 358581/-	
	(4). KSR 4-1:4: Providing and removing Centering, Shuttering, stripping, propping etc., and removal of formwork for vertical surface such as walls at any thickness, including attached Pilasters and complete as per specifications and direction, incharge of the work. Navajeppa Layout 3 –	4	× 2 × 30 ×	0.15	= 36.00 m²		
		4	× 2 × 30 ×	0.15	= 36.00 m²		
		4	× 2 × 30 ×	0.15	= 36.00 m²		
		4	× 2 × 30.5 ×	0.15	= 36.60 m²		
					144.60		

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Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Lavacharagunta 3-	4	2	30	0.15 =	36.00 m^2	
		4	2	30	0.15 =	36.00 m^2	
		4	2	30	0.15 =	36.00 m^2	
		4	2	30	0.15 =	36.00 m^2	
		4	2	24.80	0.15 =	29.76 m^2	
	Doddabommasandra -	4	2	30	0.15 =	36.00 m^2	
		4	2	30	0.15 =	36.00 m^2	
		4	2	30	0.15 =	36.00 m^2	
		4	2	30	0.15 =	36.00 m^2	
		4	2	10.2	0.15 =	12.24 m^2	
					Net quantity =	474.60 m^2	
					Quantity limited to =	474.00 m^2	
					@ Rs. 267.00	Rs 126558=00	

C4F
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

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M.A.H. 57 (Rule 116)

Measurement Book

No. C/09 231370

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(5) Providing Granite facias of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5cm thick. Navajeevana Layout :-						
		2	30	0.9	= 54.00 m2		
		2	30	0.9	= 54.00 m2		
		2	30	0.9	= 54.00 m2		
		2	30.5	0.9	= 54.90 m2		
		2	30	0.7	= 54.00 m2		
		2	30	0.9	= 54.00 m2		
		2	30	0.9	= 54.00 m2		
		2	30	0.9	= 54.00 m2		
		2	30	0.9	= 54.00 m2		
		2	24.80	0.9	= 44.64 m2		
	Ramachandrapura						
					477.54		

Witness

Rs. Nineteen ... Seventy eight only

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Doddaboommasandra	2	30	0.9	= 54.00 m²		
		2	30	0.9	= 54.00 m²		
		2	30	0.9	= 54.00 m²		
		2	30	0.9	= 54.00 m²		
		2	30	0.9	= 18.36 m²		
		2	10.2	0.9			
	Wet Mobility				= 711.96 m²		
	limited to				= 711.00 m²		

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BBMP, Bangalore-97

@ Rs. 623.00 Rs 442953=00

(6) KSRBS-9: providing chamfering edges to stone slab 2-5cms wide as per specifications (only chamfered length shall be counted) KSSR-1.15.

1318 x 3.00 = 3955.00 m

Qty 4+2 to 3952.00 m

@ Rs 31.15 Rs 123198=00

123042.5

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M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

231371

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(7) KSRB S-8:2 Providing stone masonry as per specifications dressing to granite facing of drains @ navigation Layout i.e	two line drawing to granite facing of item no (5)				stone kuttu/granite measurement & quantity are same as that	711.00 m³
		total quantity				= 711.00 m³	
		@ Rs. 845.50				Rs 601151=00	
		Total				Rs 2044964=00	
		Say				2044809	
				2 | 10 | 18			

Assistant Executive Engineer
Vidyaranyapura Sub Division

Witness

Rs. Nineteen Lakh forty four thousand eight hundred and nine only

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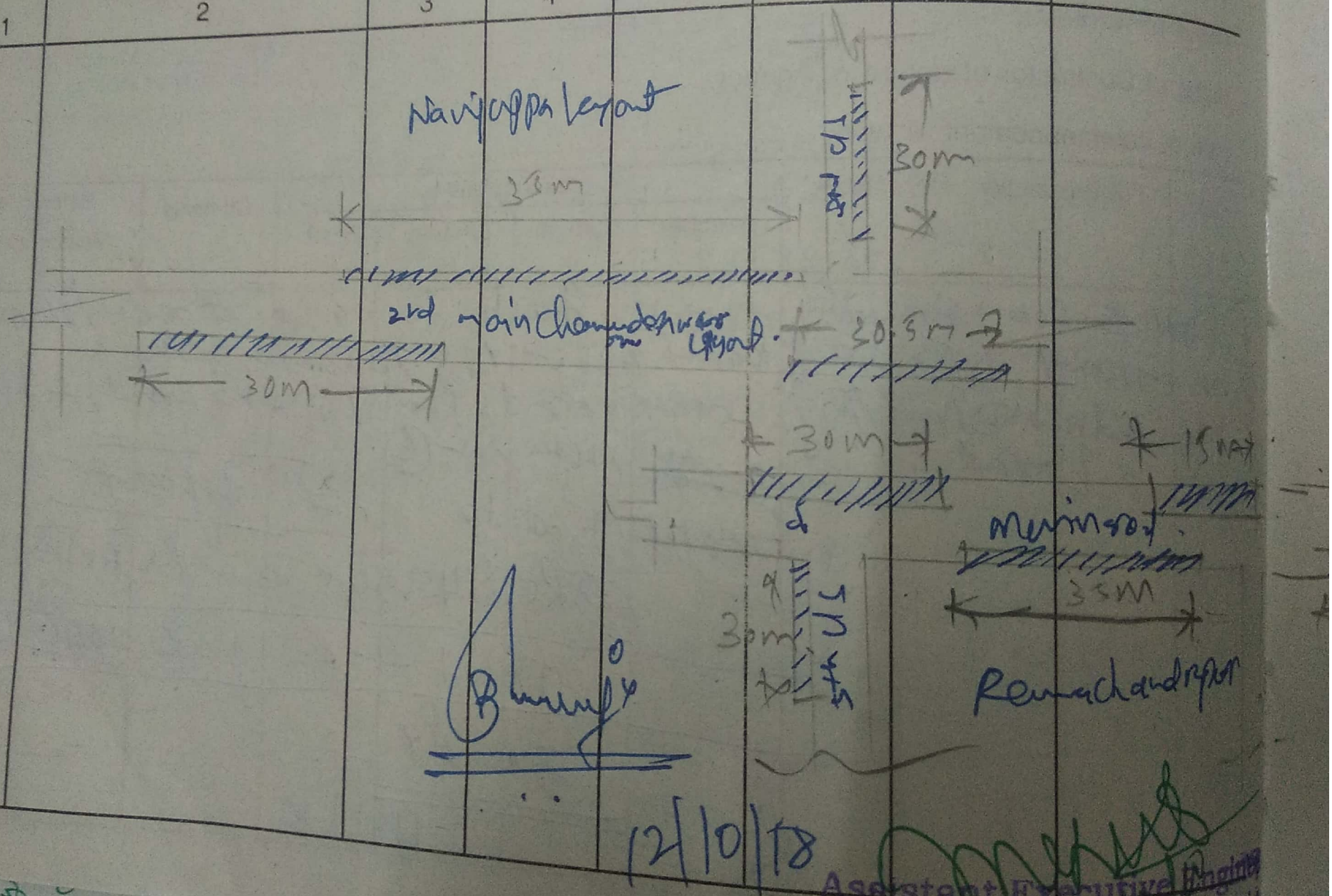
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Assistant Executive Engineer
Vidyaranyapura Sub Divisio

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M.A.R. 57 (Rule 116)

Measurement Book

Serial No.....

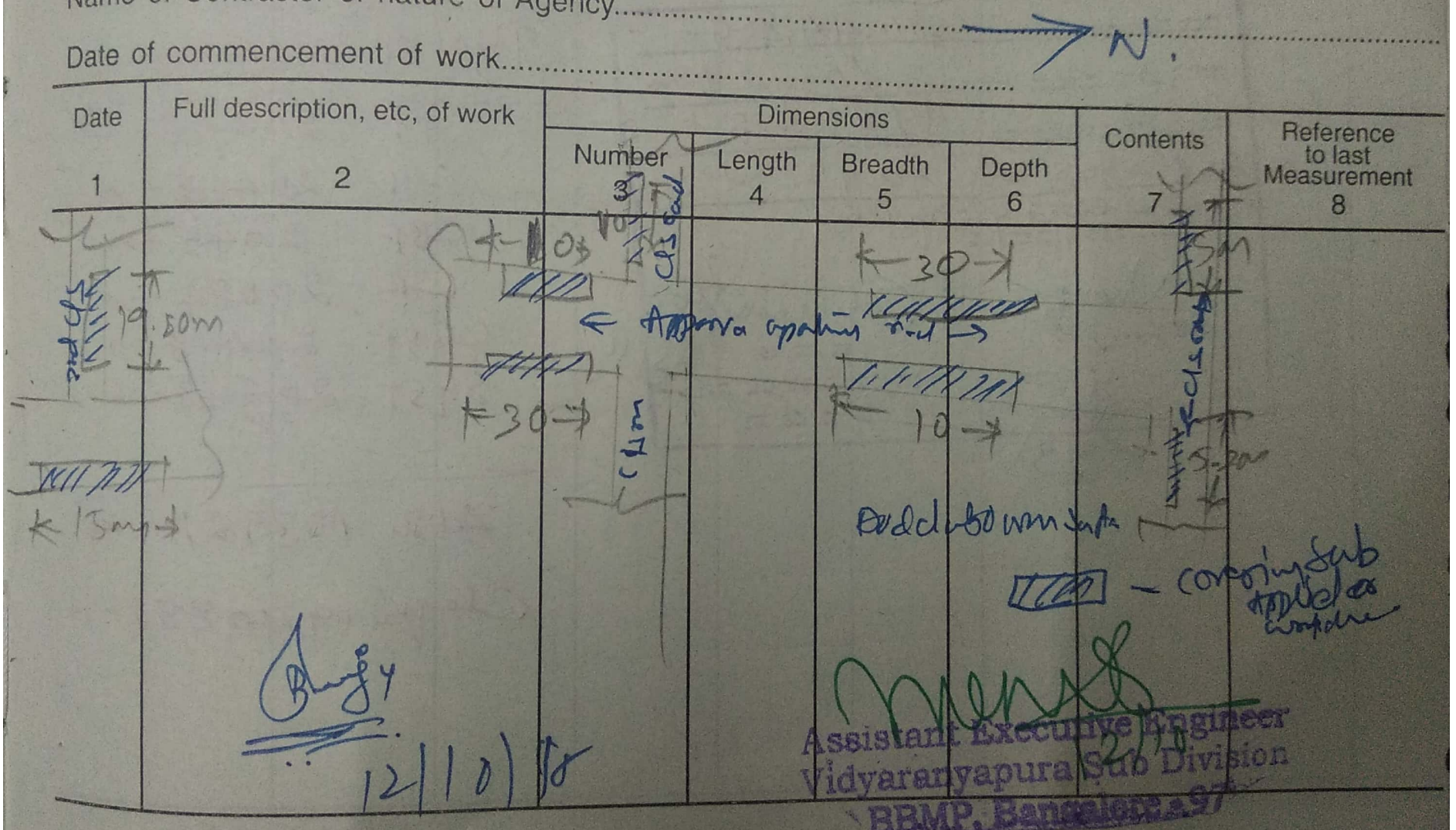
No. C/09 231372

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Witness

Rs. Nineteen Lakh... eighty eight and

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 20,44,809- ಗತ್ತಿಪಾಸು ಮಾಯಿತೆ: ಇದರಲ್ಲಿ ರೂ. 103921- ಹೊಂದಾಣಿಕೆಯಾದ ಬಳಿಕ ಮೊಬಲಗು 19,40,888-- ರೂ. Nineteen Lacks forty thousand eight hundred eighty eight only. ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ಲೆಕ್ಕಾಧಿಕಾರಿ 25/10 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಕಾ. ಪಾ. ಅ. ಬ್ಯಾಟರಾಯನಪುರ ವಿ ನಾಗ ಬೃ. ಬೆ. ಮ. ಪಾ 23/10					Total Rs: 20,44,809-00 IT - 20448-00 Cess - 20448-00 CBF - 2045-00 LR - 20084-00 CGST - 20448-00 SGST - 20448-00 Addn: 103921-00 Chq Rs: 19,40,888--	

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